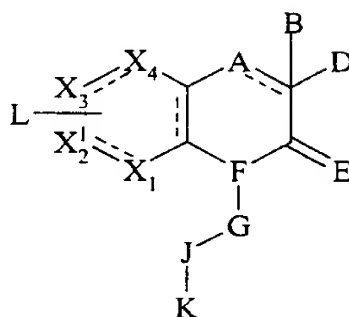


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## CLAIMS

What is claimed is:

1. A compound according to Formula I



I

or stereoisomers or pharmaceutically acceptable salts, esters, amides, or prodrugs thereof, wherein:

A is selected from CH<sub>2</sub>, CH, C(alkyl);

B is selected from H, alkyl, cycloalkyl, heteroalkyl, cycloalkylalkyl, heteroalkylalkyl, aryl, arylalkyl, heterocycle, heterocycloalkyl, each optionally substituted with R<sub>1</sub> and R<sub>2</sub>;

D is selected from H, alkyl, cycloalkyl, heteroalkyl, cycloalkylalkyl, heteroalkylalkyl, aryl, arylalkyl, heterocycle, heterocycloalkyl, each optionally substituted with R<sub>1</sub> and R<sub>2</sub>;

E is absent or selected from O, S, NH;

F is selected from N, NCH<sub>2</sub>, CH<sub>2</sub>N;

G is absent or selected from alkyl, alkyl interrupted by one or more heteroatoms, cycloalkyl, cycloalkyl interrupted by one or more heteroatoms;

J is absent or selected from aryl or heterocycle each optionally substituted with R<sub>1</sub> and R<sub>2</sub>;

K is absent or selected from an alkyl, alkyl interrupted by one or more heteroatoms, cycloalkyl interrupted by one or more heteroatoms, cycloalkylalkyl interrupted by one or more heteroatoms, each optionally substituted with R<sub>1</sub> and R<sub>2</sub>;

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*A<sup>2</sup> cont*

5 L is selected from H, chlorine, fluorine, bromine, iodine, OH, O(alkyl), amine, alkyl, fluoroalkyl, amide, NO<sub>2</sub>, SH, S(O)<sub>n</sub>(alkyl), SO<sub>3</sub>H, SO<sub>3</sub>alkyl, aldehyde, ketone, acid, ester, urea, Oalkylamide, Oalkylester, Oalkylacid, Nalkylacid, alkylamine, alkylamide, alkylketone, alkylacid, alkylester, alkylurea, Nalkylamide, Nalkylester, NC(=O)alkyl, NC(=O)aryl, NC(=O)cycloalkyl, NC(=O)cycloalkylalkyl, NC(=O) alkylaryl, R<sub>1</sub>, R<sub>2</sub>, nitrile;

10 R<sub>1</sub> is selected from H, amine, alkylamine, amide, C(=NH)NHNH<sub>2</sub>, alkylC(=NH)NHNH<sub>2</sub>, C(=NH)NHOH, alkylC(=NH)NHOH, NHC(=NH)NH<sub>2</sub>, alkylNHC(=NH)NH<sub>2</sub>, C(=S)NH<sub>2</sub>, alkylC(=S)NH<sub>2</sub>, C(=NH)alkyl, alkylC(=NH)alkyl, C(=NR<sub>3</sub>)N(R<sub>4</sub>)(R<sub>5</sub>), alkylC(=NR<sub>3</sub>)N(R<sub>4</sub>)(R<sub>5</sub>);

15 R<sub>2</sub> is selected from H, chlorine, fluorine, bromine, iodine, OH, Oalkyl, amine, alkylaldehyde, alkylamide, alkylester, alkylketone, alkylacid, Oalkylamide, Oalkylacid, Oalkylester, aminealkylacid, aminealkylamide, aminealkylester, NC(=O)alkyl, NC(=O)aryl, NC(=O)cycloalkyl, NC(=O)alkylaryl, alkylamine, amide, aldehyde, ester, ketone, NO<sub>2</sub>, SH, S(O)<sub>n</sub>(C<sub>1-10</sub>alkyl), SO<sub>3</sub>H, SO<sub>3</sub>alkyl, CHO, acid, alkyl, C(=NH)alkyl, C(=NH)NHNH<sub>2</sub>, alkylC(=NH)NHNH<sub>2</sub>, C(=NH)NHOH, alkylC(=NH)NHOH, NHC(=NH)NH<sub>2</sub>, alkylNHC(=NH)NH<sub>2</sub>, C(=S)NH<sub>2</sub>, alkylC(=S)NH<sub>2</sub>, alkylC(=NH)alkyl, C(=NR<sub>3</sub>)N(R<sub>4</sub>)(R<sub>5</sub>), alkylC(=NR<sub>3</sub>)N(R<sub>4</sub>)(R<sub>5</sub>);

25 R<sub>3</sub>, R<sub>4</sub>, and R<sub>5</sub> are a hydrogen atom, alkyl group having 1 to 4 carbon atoms optionally interrupted by a heteroatom, or R<sub>4</sub> and R<sub>5</sub> are bonded to form -(CH<sub>2</sub>)<sub>p</sub>-W-(CH<sub>2</sub>)<sub>q</sub>-, wherein p and q are an integer of 2 or 3, a certain position on the methylene chain is unsubstituted or substituted by an alkyl group having 1 to 4 carbon atoms, W is a direct bond, -CH<sub>2</sub>-, -O-, -N(R<sub>6</sub>)-, or -S(O)<sub>r</sub>- wherein

30 R<sub>6</sub> is H or alkyl, and r is 0 or 1 or 2;

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n is selected from 0, 1, 2;

X<sub>1</sub> is C or N;

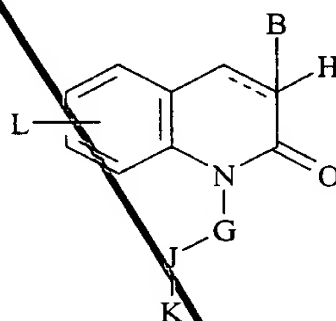
X<sub>2</sub> is C or N;

X<sub>3</sub> is C or N;

X<sub>4</sub> is C or N; and

--- represents an optional additional bond.

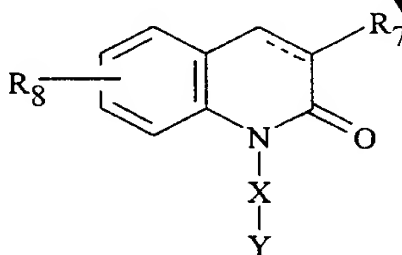
2. A compound according to Claim 1 according to Formula II



II

or stereoisomers or pharmaceutically acceptable salts, esters, amides, or prodrugs thereof, wherein B, G, J, K, L, and --- are as defined above.

3. A compound according to Formula III



III

or stereoisomers or pharmaceutically acceptable salts, esters, amides, or prodrugs thereof, wherein X, Y, R<sub>7</sub>, R<sub>8</sub>, and --- are as follows:

X is selected from (CH<sub>2</sub>)<sub>5</sub>,

(CH<sub>2</sub>)<sub>4</sub>,

(CH<sub>2</sub>)<sub>6</sub>,

CH<sub>2</sub>C(=O)NHCH<sub>2</sub>CH<sub>2</sub>,

Q2  
cont

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*A2*  
*cont*

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$\text{CH}_2\text{CH}_2\text{NHC}(=\text{O})\text{CH}_2$ ,

$(\text{CH}_2)_2\text{NH}(\text{CH}_2)_2$ ,

$(\text{CH}_2)_2\text{O}(\text{CH}_2)_2$ ,

$\text{C}_6\text{H}_4$ ,

$\text{CH}_2\text{C}_6\text{H}_4$ ,

$\text{C}_6\text{H}_4\text{CH}_2$ ,

$\text{C}_6\text{H}_{10}$ ,

$\text{CH}_2\text{C}_6\text{H}_{10}$ ,

$\text{C}_6\text{H}_{10}\text{CH}_2$ ,

$\text{C}_5\text{H}_8$ ,

$\text{CH}_2\text{C}_5\text{H}_8$ ,

$\text{C}_5\text{H}_8\text{CH}_2$ , and

$\text{CH}_2\text{CH}=\text{CHCH}_2\text{CH}_2$ ;

Y is selected from 2,6-dimethylpiperidinyl,

piperidinyl,

2,2,6,6-tetramethyl-piperidinyl-4-one,

(2-carboxy)piperidinyl,

(3-carboxy)piperidinyl,

(4-carboxy)piperidinyl,

3,5-dimethylpiperidinyl,

(4-hydroxy)piperidinyl,

(2-imino)piperidinyl,

piperidin-4-one-yl,

(2-dimethylaminomethyl)-piperidinyl,

(4-dimethylamino)-piperidinyl,

(4-sulphonyloxy)-piperidinyl,

(2-phenyl)piperidinyl,

2,5-dimethylpyrrolidinyl,

pyrrolidinyl,

(2-carboxy)pyrrolidinyl,

(3-N-acetyl-N-methyl)pyrrolidinyl,

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(3-amino)pyrrolidinyl,  
(2,5-bis-methoxymethyl)-pyrrolidinyl,  
2-hydroxymethyl-pyrrolidinyl,  
2-hydroxymethyl-5-methyl-pyrrolidinyl,  
diisopropylamino,  
diethyl amino,  
methylamino,  
1-methyl-4,5-dihydro-1H-imidazol-2-yl,  
2,5-dimethyl-1H-1-imidazolyl,  
morpholinyl,  
2,6-dimethylmorpholinyl,  
piperazinyl,  
2,6-dimethylpiperazinyl,  
1H-pyrazolyl,  
tetrahydro-1H-pyrazolyl,  
2,5-dimethyltetrahydro-1H-1-pyrazolyl, and  
2,3,4-tetrahydro-2-oxo-3-phenyl-1-quinolinyl;

R<sub>7</sub> is selected from (3-amidino)phenyl,

phenyl,  
4-methoxyphenyl,  
4-(amidino)phenyl,  
3-(aminocarbonyl)phenyl,  
3-(methoxycarbonyl)phenyl,  
(3-hydroxy)phenyl,  
[3-hydroxylamino(imino)methyl]-phenyl,  
[3-hydrazino(imino)methyl]-phenyl,  
(3-aminomethyl)phenyl,  
(3-amino)phenyl,  
(3-methylamino)phenyl,  
(3-dimethylamino)phenyl,  
(5-amidino-2-hydroxy)phenyl,  
(1-amidino)piperid-3-yl,

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(1-amidino)pyrrolid-3-yl,  
(5-amidino)thien-2-yl,  
(5-amidino)furan-2-yl,  
(5-amidino)-1,3-oxazol-2-yl,  
(2-amidino)-1,3-oxazol-5-yl,  
1H-pyrazol-5-yl,  
tetrahydro-1H-pyrazol-3-yl,  
(1-amidino)tetrahydro-1H-pyrazol-3-yl,  
(2-amidino)-1H-imidazol-4-yl,  
(2-amino)-1H-imidazol-4-yl,  
(5-amidino)-1H-imidazol-2-yl,  
(5-amino)-1H-imidazol-2-yl,  
pyridin-3-yl,  
(4-amino)pyridin-3-yl,  
(4-dimethylamino)pyridin-3-yl,  
(6-amino)pyridin-2-yl,  
(6-amidino)pyridin-2-yl,  
(2-amino)pyridin-4-yl,  
(2-amidino)pyridin-4-yl,  
(2-amidino)pyrimid-4-yl,  
(2-amino)pyrimidin-4-yl,  
(4-amidino)pyrimid-2-yl,  
(4-amino)pyrimidin-2-yl,  
(6-amidino)pyrazin-2-yl,  
(6-amino)pyrazin-2-yl,  
(4-amidino)-1,3,5-triazin-2-yl,  
(4-amino)-1,3,5-triazin-2-yl,  
(3-amidino)-1,2,4-triazin-5-yl,  
(3-amino)-1,2,4-triazin-5-yl,  
(3-amidino)benzyl,  
(3-amino)benzyl,  
(3-aminomethyl)benzyl,  
(1-amidino)piperid-3-ylmethyl,

*a<sup>2</sup>  
cont*

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(1-amidino)pyrrolid-3-ylmethyl,  
(5-amidino)thien-2-ylmethyl,  
(5-amidino)furan-2-ylmethyl,  
(5-amidino)oxazol-2-ylmethyl,  
(2-amidino)imidazol-5-ylmethyl,  
(5-amidino)imidazol-2-ylmethyl,  
(6-amidino)pyridin-2-ylmethyl,  
(6-amino)pyridin-2-ylmethyl,  
(2-amidino)pyrimidin-4-ylmethyl,  
(2-amino)pyrimidin-4-ylmethyl,  
(4-amidino)pyrimidin-2-ylmethyl,  
(4-amino)pyrimidin-2-ylmethyl,  
(6-amidino)pyrazin-2-ylmethyl,  
(6-amino)pyrazin-2-ylmethyl,  
3-aminocyclohexyl,  
3-amidinocyclohexyl,  
3-aminocyclohexylmethyl,  
3-amidinocyclohexylmethyl,  
3-aminocyclopentyl,  
3-amidinocyclopentyl,  
3-aminocyclopentylmethyl, and  
3-amidinocyclopentylmethyl; and

R<sub>8</sub> is selected from H,

Cl,  
F,  
SH,  
SMe,  
CF<sub>3</sub>,  
CH<sub>3</sub>,  
CO<sub>2</sub>H,  
CO<sub>2</sub>Me,  
CN,

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A<sup>2</sup>  
cont

$$a^2_{cont}$$
[illegible]

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$$\text{C}(=\text{NH})\text{NH}_2,$$
$$\text{C}(=\text{NH})\text{NHOH},$$
$$\text{C}(=\text{N}\text{H})\text{NHNH}_2,$$
$$\text{C}(=\text{O})\text{NH}_2,$$
 $\text{CH}_2\text{OH},$  $\text{CH}_2\text{NH}_2,$ 

NO<sub>2</sub>,

OH,

OMe,

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$$\text{OCH}_2\text{Ph},$$
 $\text{OCH}_2\text{CO}_2\text{H},$ 
$$\text{O}(\text{CH}_2)_2\text{CO}_2\text{H},$$
$$\text{O}(\text{CH}_2)_3\text{CO}_2\text{H},$$
$$\text{NHCH}_2\text{CO}_2\text{H},$$

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$$\text{NH}(\text{CH}_2)_2\text{CO}_2\text{H},$$
$$\text{NH}(\text{CH}_2)_3\text{CO}_2\text{H},$$
$$\text{OCH}_2\text{CH}_2\text{OH},$$

OCH<sub>2</sub>(1H-tetrazol-5-yl),

 $\text{NH}_2$ ,

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NHButyl,

 $\text{NMe}_2$ 

NHPh

 $\text{NHCH}_2\text{Ph},$ 
$$\text{NHC}(=\text{O})\text{Me},$$

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NHC(=O)c-Hexyl,

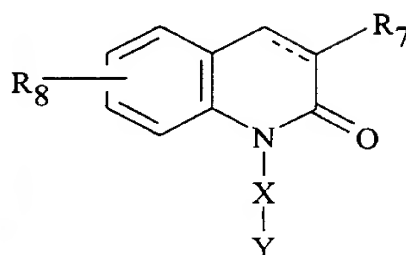
$$\text{NHC(=O)CH}_2\text{c-Hexyl,}$$
$$\text{NHC(=O)Ph,}$$
$$\text{NHC(=O)CH}_2\text{Ph},$$
$$\text{NHS}(\text{=O})_2\text{Me},$$



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NHS(=O)<sub>2</sub>c-Hexyl,NHS(=O)<sub>2</sub>CH<sub>2</sub>c-Hexyl,NHS(=O)<sub>2</sub>Ph, andNHS(=O)<sub>2</sub>CH<sub>2</sub>Ph.

- 5      4. A compound according to Formula IV



IV

or stereoisomers or pharmaceutically acceptable salts, esters, amides, or  
prodrugs thereof, wherein X, Y, R<sub>7</sub>, R<sub>8</sub>, and --- are as follows:

X is selected from (CH<sub>2</sub>)<sub>5</sub>,

(CH<sub>2</sub>)<sub>4</sub>,

(CH<sub>2</sub>)<sub>6</sub>,

CH<sub>2</sub>C(=O)NHCH<sub>2</sub>CH<sub>2</sub>,

CH<sub>2</sub>CH<sub>2</sub>NHC(=O)CH<sub>2</sub>,

(CH<sub>2</sub>)<sub>2</sub>NH(CH<sub>2</sub>)<sub>2</sub>,

(CH<sub>2</sub>)<sub>2</sub>O(CH<sub>2</sub>)<sub>2</sub>,

C<sub>6</sub>H<sub>4</sub>,

CH<sub>2</sub>C<sub>6</sub>H<sub>4</sub>,

C<sub>6</sub>H<sub>4</sub>CH<sub>2</sub>,

C<sub>6</sub>H<sub>10</sub>,

CH<sub>2</sub>C<sub>6</sub>H<sub>10</sub>,

C<sub>6</sub>H<sub>10</sub>CH<sub>2</sub>,

C<sub>5</sub>H<sub>8</sub>,

CH<sub>2</sub>C<sub>5</sub>H<sub>8</sub>,

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$C_5H_8CH_2$ , and

$CH_2CH=CHCH_2CH_2$ ;

Y is selected from 2,6-dimethylpiperidinyl,  
piperidinyl,  
2,2,6,6-tetramethyl-piperidinyl-4-one,  
(2-carboxy)piperidinyl,  
(3-carboxy)piperidinyl,  
(4-carboxy)piperidinyl,  
3,5-dimethylpiperidinyl,  
(4-hydroxy)piperidinyl,  
(2-imino)piperidinyl,  
piperidin-4-one-yl,  
(2-dimethylaminomethyl)-piperidinyl,  
(4-dimethylamino)-piperidinyl,  
(4-sulphonyloxy)-piperidinyl,  
(2-phenyl)piperidinyl,  
2,5-dimethylpyrrolidinyl,  
pyrrolidinyl,  
(2-carboxy)pyrrolidinyl,  
(3-N-acetyl-N-methyl)pyrrolidinyl,  
(3-amino)pyrrolidinyl,  
(2,5-bis-methoxymethyl)-pyrrolidinyl,  
2-hydroxymethyl-pyrrolidinyl,  
2-hydroxymethyl-5-methyl-pyrrolidinyl,  
diisopropylamino,  
diethylamino,  
methylamino,  
1-methyl-4,5-dihydro-1H-imidazol-2-yl,  
2,5-dimethyl-1H-1-imidazolyl,  
morpholinyl,  
2,6-dimethylmorpholinyl,  
piperazinyl.

A<sup>2</sup>  
cont

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$$a_{\text{cont}}^2$$

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R<sub>7</sub> is selected from (3-amidino)phenyl,

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(3-hydroxy)phenyl,  
[3-hydroxylamino(imino)methyl]-phenyl,  
[3-hydrazino(imino)methyl]-phenyl,  
(3-aminomethyl)phenyl,  
(3-amino)phenyl,  
(3-methylamino)phenyl,  
(3-dimethylamino)phenyl,  
(5-amidino-2-hydroxy)phenyl,  
(1-amidino)piperid-3-yl,  
(1-amidino)pyrrolid-3-yl,  
(5-amidino)thien-2-yl,  
(5-amidino)furan-2-yl,  
(5-amidino)-1,3-oxazol-2-yl,  
(2-amidino)-1,3-oxazol-5-yl,  
1H-pyrazol-5-yl,  
tetrahydro-1H-pyrazol-3-yl,  
(1-amidino)tetrahydro-1H-pyrazol-3-yl,  
(2-amidino)-1H-imidazol-4-yl,  
(2-amino)-1H-imidazol-4-yl,  
(5-amidino)-1H-imidazol-2-yl,  
(5-amino)-1H-imidazol-2-yl,  
pyridin-3-yl,  
(4-amino)pyridin-3-yl,  
(4-dimethylamino)pyridin-3-yl,  
(6-amino)pyridin-2-yl,  
(6-amidino)pyridin-2-yl,  
(2-amino)pyridin-4-yl,

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(2-amidino)pyridin-4-yl,  
(2-amidino)pyrimid-4-yl,  
(2-amino)pyrimidin-4-yl,  
(4-amidino)pyrimid-2-yl,  
(4-amino)pyrimidin-2-yl,  
(6-amidino)pyrazin-2-yl,  
(6-amino)pyrazin-2-yl,  
(4-amidino)-1,3,5-triazin-2-yl,  
(4-amino)-1,3,5-triazin-2-yl,  
(3-amidino)-1,2,4-triazin-5-yl,  
(3-amino)-1,2,4-triazin-5-yl,  
(3-amidino)benzyl,  
(3-amino)benzyl,  
(3-aminomethyl)benzyl,  
(1-amidino)piperid-3-ylmethyl,  
(1-amidino)pyrrolid-3-ylmethyl,  
(5-amidino)thien-2-ylmethyl,  
(5-amidino)furan-2-ylmethyl,  
(5-amidino)oxazol-2-ylmethyl,  
(2-amidino)imidazol-5-ylmethyl,  
(5-amidino)imidazol-2-ylmethyl,  
(6-amidino)pyridin-2-ylmethyl,  
(6-amino)pyridin-2-ylmethyl,  
(2-amidino)pyrimidin-4-ylmethyl,  
(2-amino)pyrimidin-4-ylmethyl,  
(4-amidino)pyrimidin-2-ylmethyl,  
(4-amino)pyrimidin-2-ylmethyl,  
(6-amidino)pyrazin-2-ylmethyl,  
(6-amino)pyrazin-2-ylmethyl,  
3-aminocyclohexyl,  
3-amidinocyclohexyl,  
3-aminocyclohexylmethyl,  
3-amidinocyclohexylmethyl,

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A<sup>2</sup>  
cont

$$a_{\text{cont}}^2$$

Parameter	Value	Unit
Temperature	25.0	°C
Pressure	1.0	atm
Flow rate	1.0	L/min
Sample concentration	0.1	g/L
Sample volume	1.0	L
Sample weight	0.1	g
Sample size	0.1	mm
Sample shape	0.1	mm
Sample color	0.1	mm
Sample texture	0.1	mm
Sample density	0.1	g/cm <sup>3</sup>
Sample viscosity	0.1	Pa·s
Sample conductivity	0.1	S/cm
Sample refractive index	0.1	
Sample absorbance	0.1	
Sample transmittance	0.1	
Sample reflectance	0.1	
Sample emissivity	0.1	
Sample permeability	0.1	
Sample porosity	0.1	
Sample surface area	0.1	m <sup>2</sup>
Sample volume fraction	0.1	
Sample mass fraction	0.1	
Sample molar fraction	0.1	
Sample weight fraction	0.1	
Sample mole fraction	0.1	
Sample mass fraction	0.1	
Sample molar fraction	0.1	
Sample weight fraction	0.1	
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Sample mole fraction	0.1	
Sample mass fraction	0.1	
Sample molar fraction	0.1	
Sample weight fraction	0.1	

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 $\text{CO}_2\text{H}$ , $\text{CO}_2\text{Me},$ 

CN,

$$\text{C}(=\text{NH})\text{NH}_2,$$
$$\text{C}(=\text{NH})\text{NHOH},$$
$$\text{C}(=\text{NH})\text{NHNH}_2,$$
$$\text{C}(=\text{O})\text{NH}_2,$$
 $\text{CH}_2\text{OH},$  $\text{CH}_2\text{NH}_2,$  $\text{NO}_2$ 

OH,

OMe,

 $\text{OCH}_2\text{Ph},$ 
$$\text{OCH}_2\text{CO}_2\text{H},$$
$$\text{O}(\text{CH}_2)_2\text{CO}_2\text{H},$$
$$\text{O}(\text{CH}_2)_3\text{CO}_2\text{H},$$
$$\text{NHCH}_2\text{CO}_2\text{H},$$
$$\text{NH}(\text{CH}_2)_2\text{CO}_2\text{H},$$
$$\text{NH}(\text{CH}_2)_3\text{CO}_2\text{H},$$

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~~OCH<sub>2</sub>CH<sub>2</sub>OH,  
OCH<sub>2</sub>(1H-tetrazol-5-yl),  
NH<sub>2</sub>,  
NHButyl,  
NMe<sub>2</sub>,  
NHPh,  
NHCH<sub>2</sub>Ph,  
NHC(=O)Me,  
NHC(=O)c-Hexyl,  
NHC(=O)CH<sub>2</sub>c-Hexyl,  
NHC(=O)Ph,  
NHC(=O)CH<sub>2</sub>Ph,  
NHS(=O)<sub>2</sub>Me,  
NHS(=O)<sub>2</sub>c-Hexyl,  
NHS(=O)<sub>2</sub>CH<sub>2</sub>c-Hexyl,  
NHS(=O)<sub>2</sub>Ph, and  
NHS(=O)<sub>2</sub>CH<sub>2</sub>Ph.~~

5. A compound according to Claim 4 where X is (CH<sub>2</sub>)<sub>5</sub>.
6. A compound according to Claim 4 where Y is 2,6-dimethylpiperidinyl.
7. A compound according to Claim 4 where R<sub>7</sub> is 2-hydroxy, 5-amidino phenol.
8. A compound according to Claim 4 wherein R<sub>8</sub> is H.
9. A compound according to Claim 4 where X is (CH<sub>2</sub>)<sub>5</sub>, Y is 2,6-dimethylpiperidinyl and R<sub>8</sub> is H.

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10. A compound according to Claim 4 where X is (CH<sub>2</sub>)<sub>5</sub>, Y is 2,5-dimethylpyrrolidinyl and R<sub>8</sub> is H.

11. A compound which is:

3-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)benzenecarboximidamide;

1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-3-(3-hydroxyphenyl)-2(1*H*)-quinolinone;

3-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)-N-hydroxybenzenecarboximidamide;

3-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)benzenecarboximidohydrazide;

3-[3-(Aminomethyl)phenyl]-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2(1*H*)-quinolinone;

3-(3-Aminophenyl)-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2(1*H*)-quinolinone;

1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-3-[3-(methylamino)phenyl]-2(1*H*)-quinolinone;

3-[3-(Dimethylamino)phenyl]-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2(1*H*)-quinolinone;

3-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)-4-hydroxybenzenecarboximidamide;

3-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)tetrahydro-1(2*H*)-pyridinecarboximidamide;

3-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)-1-pyrrolidinecarboximidamide;

5-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)-2-thiophenecarboximidamide;

5-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)-2-furancarboximidamide;

2-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)-1,3-oxazole-5-carboximidamide;

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5-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)-1,3-oxazole-2-carboximidamide;

1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-3-(1*H*-pyrazol-3-yl)-2(1*H*)-quinolinone;

1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-3-tetrahydro-1*H*-pyrazol-3-yl-2(1*H*)-quinolinone;

3-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)-1-pyrazolidinecarboximidamide;

5-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)-1*H*-imidazole-2-carboximidamide;

3-(2-Amino-1*H*-imidazol-5-yl)-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2(1*H*)-quinolinone;

2-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)-1*H*-imidazole-5-carboximidamide;

3-(5-Amino-1*H*-imidazol-2-yl)-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2(1*H*)-quinolinone;

1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-3-(3-pyridinyl)-2(1*H*)-quinolinone;

3-(6-Amino-3-pyridinyl)-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2(1*H*)-quinolinone;

3-[6-(Dimethylamino)-3-pyridinyl]-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2(1*H*)-quinolinone;

3-(6-Amino-2-pyridinyl)-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2(1*H*)-quinolinone;

6-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)-2-pyridinecarboximidamide;

3-(2-Amino-4-pyridinyl)-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2(1*H*)-quinolinone;

4-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)-2-pyridinecarboximidamide;

4-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)-2-pyrimidinecarboximidamide;

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3-(2-Amino-4-pyrimidinyl)-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2(1*H*)-quinolinone;

2-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)-4-pyrimidinecarboximidamide;

3-(4-Amino-2-pyrimidinyl)-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2(1*H*)-quinolinone;

6-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)-2-pyrazinecarboximidamide;

3-(6-Amino-2-pyrazinyl)-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2(1*H*)-quinolinone;

4-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)-1,3,5-triazine-2-carboximidamide;

3-(4-Amino-1,3,5-triazin-2-yl)-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2(1*H*)-quinolinone;

5-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)-1,2,4-triazine-3-carboximidamide;

3-(3-Amino-1,2,4-triazin-5-yl)-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2(1*H*)-quinolinone;

3-[(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)methyl]benzenecarboximidamide;

3-(3-Aminobenzyl)-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2(1*H*)-quinolinone;

3-[3-(Aminomethyl)benzyl]-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2(1*H*)-quinolinone;

3-[(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)methyl]tetrahydro-1(2*H*)-pyridinecarboximidamide;

3-[(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)methyl]-1-pyrrolidinecarboximidamide;

5-[(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)methyl]-2-thiophenecarboximidamide;

5-[(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)methyl]-2-furancarboximidamide;

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2-[(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)methyl]-1,3-oxazole-5-carboximidamide;

5-[(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)methyl]-1*H*-imidazole-2-carboximidamide;

2-[(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)methyl]-1*H*-imidazole-5-carboximidamide;

6-[(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)methyl]-2-pyridinecarboximidamide;

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3-[(6-Amino-2-pyridinyl)methyl]-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2(1*H*)-quinolinone;

4-[(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)methyl]-2-pyrimidinecarboximidamide;

3-[(2-Amino-4-pyrimidinyl)methyl]-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2(1*H*)-quinolinone;

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2-[(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)methyl]-4-pyrimidinecarboximidamide;

3-[(4-Amino-2-pyrimidinyl)methyl]-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2(1*H*)-quinolinone;

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6-[(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)methyl]-2-pyrazinecarboximidamide;

3-[(6-Amino-2-pyrazinyl)methyl]-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2(1*H*)-quinolinone;

3-(3-Aminocyclohexyl)-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2(1*H*)-quinolinone;

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3-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)cyclohexanecarboximidamide;

3-[(3-Aminocyclohexyl)methyl]-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2(1*H*)-quinolinone;

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3-[(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)methyl]cyclohexanecarboximidamide;

3-(3-Aminocyclopentyl)-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2(1*H*)-quinolinone;

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3-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)cyclopentanecarboximidamide;

3-[(3-Aminocyclopentyl)methyl]-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2(1*H*)-quinolinone;

3-[(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)methyl]cyclopentanecarboximidamide;

3-(1-4-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]butyl-2-oxo-1,2-dihydro-3-quinolinyl)benzenecarboximidamide;

3-(1-6-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]hexyl-2-oxo-1,2-dihydro-3-quinolinyl)benzenecarboximidamide;

2-[3-3-[Amino(imino)methyl]phenyl-2-oxo-1(2*H*)-quinolinyl]-N-2-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]ethylacetamide;

3-[3-3-[Amino(imino)methyl]phenyl-2-oxo-1(2*H*)-quinolinyl]-N-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]methylpropanamide;

3-1-[2-(2-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]ethylamino)ethyl]-2-oxo-1,2-dihydro-3-quinolinylbenzenecarboximidamide;

3-[1-(2-2-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]ethoxyethyl)-2-oxo-1,2-dihydro-3-quinolinyl]benzenecarboximidamide;

3-(1-4-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]phenyl-2-oxo-1,2-dihydro-3-quinolinyl)benzenecarboximidamide;

3-(1-4-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]benzyl-2-oxo-1,2-dihydro-3-quinolinyl)benzenecarboximidamide;

3-[1-(4-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]methylphenyl)-2-oxo-1,2-dihydro-3-quinolinyl]benzenecarboximidamide;

3-(1-4-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]cyclohexyl-2-oxo-1,2-dihydro-3-quinolinyl)benzenecarboximidamide;

3-[1-(4-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]cyclohexylmethyl)-2-oxo-1,2-dihydro-3-quinolinyl]benzenecarboximidamide;

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3-[1-(4-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]methylcyclohexyl)-2-oxo-1,2-dihydro-3-quinoliny]benzenecarboximidamide;

3-(1-3-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]cyclopentyl-2-oxo-1,2-dihydro-3-quinoliny]benzenecarboximidamide;

3-[1-(3-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]cyclopentylmethyl)-2-oxo-1,2-dihydro-3-quinoliny]benzenecarboximidamide;

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3-[1-(3-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]methylcyclopentyl)-2-oxo-1,2-dihydro-3-quinoliny]benzenecarboximidamide;

3-(1-(*E*)-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]-2-pentenyl-2-oxo-1,2-dihydro-3-quinoliny]benzenecarboximidamide;

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3-[2-Oxo-1-(5-piperidinopentyl)-1,2-dihydro-3-quinoliny]benzenecarboximidamide;

3-2-Oxo-1-[5-(2,2,6,6-tetramethylpiperidino)pentyl]-1,2-dihydro-3-quinoliny]benzenecarboximidamide;

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1-5-[3-3-[Amino(imino)methyl]phenyl-2-oxo-1(2*H*)-quinoliny]pentyl-2-piperidinecarboxylic acid;

1-5-[3-3-[Amino(imino)methyl]phenyl-2-oxo-1(2*H*)-quinoliny]pentyl-3-piperidinecarboxylic acid;

1-5-[3-3-[Amino(imino)methyl]phenyl-2-oxo-1(2*H*)-quinoliny]pentyl-4-piperidinecarboxylic acid;

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3-1-[5-(3,5-Dimethylpiperidino)pentyl]-2-oxo-1,2-dihydro-3-quinoliny]benzenecarboximidamide;

3-1-[5-(4-Hydroxypiperidino)pentyl]-2-oxo-1,2-dihydro-3-quinoliny]benzenecarboximidamide;

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3-1-[5-(2-Iminopiperidino)pentyl]-2-oxo-1,2-dihydro-3-quinoliny]benzenecarboximidamide;

3-2-Oxo-1-[5-(4-oxopiperidino)pentyl]-1,2-dihydro-3-quinoliny]benzenecarboximidamide;



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3-1-[5-(2,5-Dimethyl-1*H*-imidazol-1-yl)pentyl]-2-oxo-1,2-dihydro-3-quinoliny]benzenecarboximidamide;

3-[1-(5-Morpholinopentyl)-2-oxo-1,2-dihydro-3-quinoliny]benzenecarboximidamide;

3-1-[5-(3,5-Dimethylmorpholino)pentyl]-2-oxo-1,2-dihydro-3-quinoliny]benzenecarboximidamide;

3-[2-oxo-1-(5-Piperazinopentyl)-1,2-dihydro-3-quinoliny]benzenecarboximidamide;

3-1-[5-(2,6-Dimethylpiperazino)pentyl]-2-oxo-1,2-dihydro-3-quinoliny]benzenecarboximidamide;

3-2-Oxo-1-[5-(1*H*-pyrazol-1-yl)pentyl]-1,2-dihydro-3-quinoliny]benzenecarboximidamide;

3-[2-Oxo-1-(5-tetrahydro-1*H*-pyrazol-1-yl)pentyl]-1,2-dihydro-3-quinoliny]benzenecarboximidamide;

3-1-[5-(2,5-Dimethyltetrahydro-1*H*-pyrazol-1-yl)pentyl]-2-oxo-1,2-dihydro-3-quinoliny]benzenecarboximidamide;

3-(7-Chloro-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridiny]pentyl)-2-oxo-1,2-dihydro-3-quinoliny]benzenecarboximidamide;

3-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridiny]pentyl)-7-fluoro-2-oxo-1,2-dihydro-3-quinoliny]benzenecarboximidamide;

3-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridiny]pentyl)-2-oxo-7-sulfanyl-1,2-dihydro-3-quinoliny]benzenecarboximidamide;

3-[1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridiny]pentyl]-7-(methylsulfanyl)-2-oxo-1,2-dihydro-3-quinoliny]benzenecarboximidamide;

3-[1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridiny]pentyl]-2-oxo-7-(trifluoromethyl)-1,2-dihydro-3-quinoliny]benzenecarboximidamide;

3-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridiny]pentyl)-7-methyl-2-oxo-1,2-dihydro-3-quinoliny]benzenecarboximidamide;

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Q<sup>2</sup>  
cont  
5 3-3-[Amino(imino)methyl]phenyl-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-7-quinolinecarboxylic acid;

Methyl 3-3-[amino(imino)methyl]phenyl-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-7-quinolinecarboxylate;

3-(7-Cyano-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)benzenecarboximidamide;

10 3-3-[Amino(imino)methyl]phenyl-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-7-quinolinecarboximidamide;

15 3-3-[Amino(imino)methyl]phenyl-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-N-hydroxy-2-oxo-1,2-dihydro-7-quinolinecarboximidamide;

3-1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-7-hydrazino(imino)methyl-2-oxo-1,2-dihydro-3-quinolinylbenzenecarboximidamide;

20 3-3-[Amino(imino)methyl]phenyl-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-7-quinolinecarboxamide;

3-[1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-7-(hydroxymethyl)-2-oxo-1,2-dihydro-3-quinolinyl]benzenecarboximidamide;

25 3-(7-(Aminomethyl)-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)benzenecarboximidamide;

3-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-7-nitro-2-oxo-1,2-dihydro-3-quinolinyl)benzenecarboximidamide;

30 3-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-7-hydroxy-2-oxo-1,2-dihydro-3-quinolinyl)benzenecarboximidamide;

3-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-7-methoxy-2-oxo-1,2-dihydro-3-quinolinyl)benzenecarboximidamide;

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2-[(3-3-[Amino(imino)methyl]phenyl-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-7-quinolinyloxy]acetic acid;

3-[(3-3-[Amino(imino)methyl]phenyl-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-7-quinolinyloxy]propanoic acid;

4-[(3-3-[Amino(imino)methyl]phenyl-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-7-quinolinyl)oxy]butanoic acid;

2-[(3-3-[Amino(imino)methyl]phenyl-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-7-quinoliny]amino]acetic acid;

3-[(3-3-[Amino(imino)methyl]phenyl-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-7-quinoliny]amino]propanoic acid;

4-[(3-3-[Amino(imino)methyl]phenyl-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-7-quinoliny]amino]butanoic acid;

3-[1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-7-(2-hydroxyethoxy)-2-oxo-1,2-dihydro-3-quinolinyl]benzenecarboximidamide;

3-[1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-7-(1*H*-1,2,3,4-tetraazol-5-ylmethoxy)-1,2-dihydro-3-quinolinyl]benzenecarboximidamide;

3-(7-Amino-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)benzenecarboximidamide;

3-(7-(Butylamino)-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)benzenecarboximidamide;

[illegible]





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3-1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-7-[(phenylsulfonyl)amino]-1,2-dihydro-3-quinolinylbenzenecarboximidamide;

3-(7-[(Benzylsulfonyl)amino]-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)benzenecarboximidamide;

3-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)benzenecarboximidamide;

1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-3-(3-hydroxyphenyl)-3,4-dihydro-2(1*H*)-quinolinone;

3-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)-*N*-hydroxybenzenecarboximidamide;

3-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)benzenecarboximidohydrazide;

3-[3-(Aminomethyl)phenyl]-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-3,4-dihydro-2(1*H*)-quinolinone;

3-(3-Aminophenyl)-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-3,4-dihydro-2(1*H*)-quinolinone;

1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-3-[3-(methylamino)phenyl]-3,4-dihydro-2(1*H*)-quinolinone;

3-[3-(Dimethylamino)phenyl]-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-3,4-dihydro-2(1*H*)-quinolinone;

3-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)-4-hydroxybenzenecarboximidamide;

3-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)tetrahydro-1(2*H*)-pyridinecarboximidamide;

3-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)-1-pyrrolidinecarboximidamide;

5-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)-2-thiophenecarboximidamide;

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5-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)-2-furancarboximidamide;

2-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)-1,3-oxazole-5-carboximidamide;

5-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)-1,3-oxazole-2-carboximidamide;

1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-3-(1*H*-pyrazol-3-yl)-3,4-dihydro-2(1*H*)-quinolinone;

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1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-3-tetrahydro-1*H*-pyrazol-3-yl-3,4-dihydro-2(1*H*)-quinolinone;

3-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)-1-pyrazolidinecarboximidamide;

5-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)-1*H*-imidazole-2-carboximidamide;

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3-(2-Amino-1*H*-imidazol-5-yl)-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-3,4-dihydro-2(1*H*)-quinolinone;

2-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)-1*H*-imidazole-5-carboximidamide;

20

3-(5-Amino-1*H*-imidazol-2-yl)-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-3,4-dihydro-2(1*H*)-quinolinone;

1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-3-(3-pyridinyl)-3,4-dihydro-2(1*H*)-quinolinone;

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3-(6-Amino-3-pyridinyl)-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-3,4-dihydro-2(1*H*)-quinolinone;

3-[6-(Dimethylamino)-3-pyridinyl]-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-3,4-dihydro-2(1*H*)-quinolinone;

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3-(6-Amino-2-pyridinyl)-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-3,4-dihydro-2(1*H*)-quinolinone;

6-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)-2-pyridinecarboximidamide;

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4-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)-2-pyridinecarboximidamide;

4-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)-2-pyrimidinecarboximidamide;

3-(2-Amino-4-pyrimidinyl)-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-3,4-dihydro-2(1*H*)-quinolinone;

2-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)-4-pyrimidinecarboximidamide;

3-(4-Amino-2-pyrimidinyl)-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-3,4-dihydro-2(1*H*)-quinolinone;

6-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)-2-pyrazinecarboximidamide;

3-(6-Amino-2-pyrazinyl)-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-3,4-dihydro-2(1*H*)-quinolinone;

4-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)-1,3,5-triazine-2-carboximidamide;

3-(4-Amino-1,3,5-triazin-2-yl)-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-3,4-dihydro-2(1*H*)-quinolinone;

5-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)-1,2,4-triazine-3-carboximidamide;

3-(3-Amino-1,2,4-triazin-5-yl)-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-3,4-dihydro-2(1*H*)-quinolinone;

3-[(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)methyl]benzenecarboximidamide;

3-(3-Aminobenzyl)-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-3,4-dihydro-2(1*H*)-quinolinone;

3-[3-(Aminomethyl)benzyl]-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-3,4-dihydro-2(1*H*)-quinolinone;

**Figure 1**

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3-[(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)methyl]tetrahydro-1(2*H*)-pyridinecarboximidamide;

3-[(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)methyl]-1-pyrrolidinecarboximidamide;

5-[(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)methyl]-2-thiophenecarboximidamide;

5-[(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)methyl]-2-furancarboximidamide;

2-[(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)methyl]-1,3-oxazole-5-carboximidamide;

5-[(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)methyl]-1*H*-imidazole-2-carboximidamide;

2-[(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)methyl]-1*H*-imidazole-5-carboximidamide;

6-[(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)methyl]-2-pyridinecarboximidamide;

3-[(6-Amino-2-pyridinyl)methyl]-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-3,4-dihydro-2(1*H*)-quinolinone;

4-[(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)methyl]-2-pyrimidinecarboximidamide;

3-[(2-Amino-4-pyrimidinyl)methyl]-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-3,4-dihydro-2(1*H*)-quinolinone;



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3-[1-(4-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]methylphenyl)-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl]benzenecarboximidamide;

3-(1-4-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]cyclohexyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)benzenecarboximidamide;

3-[1-(4-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]cyclohexylmethyl)-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl]benzenecarboximidamide;

3-[1-(4-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]methylcyclohexyl)-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl]benzenecarboximidamide;

3-(1-3-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]cyclopentyl-2-oxo-1,2,3,4-tetrahydro-3-quinoliny)benzenecarboximidamide;

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~~3-[1-(3-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]methylcyclopentyl)-2-oxo-1,2,3,4-tetrahydro-3-quinoliny]benzenecarboximidamide;~~

~~3-(1-(E)-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]-2-pentenyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)benzenecarboximidamide;~~

3-[2-Oxo-1-(5-piperidinopentyl)-1,2,3,4-tetrahydro-3-quinolinyl]benzenecarboximidamide;

3-2-Oxo-1-[5-(2,2,6,6-tetramethylpiperidino)pentyl]-1,2,3,4-tetrahydro-3-quinolinybenzenecarboximidamide;

1-5-[3-3-[Amino(imino)methyl]phenyl-2-oxo-1(2H)-quinolinyl]pentyl-2-piperidinecarboxylic acid;

1-5-[3-3-[Amino(imino)methyl]phenyl-2-oxo-1(2H)-quinolinyl]pentyl-3-piperidinecarboxylic acid;

1-5-[3-3-[Amino(imino)methyl]phenyl-2-oxo-1(2H)-quinolinyl]pentyl-4-piperidinecarboxylic acid;

3-1-[5-(3,5-Dimethylpiperidino)pentyl]-2-oxo-1,2,3,4-tetrahydro-3-quinolinybenzenecarboximidamide;

3-1-[5-(4-Hydroxypiperidino)pentyl]-2-oxo-1,2,3,4-tetrahydro-3-quinolinybenzenecarboximidamide;

3-1-[5-(2-Iminopiperidino)pentyl]-2-oxo-1,2,3,4-tetrahydro-3-quinolinybenzenecarboximidamide;

3-2-Oxo-1-[5-(4-oxopiperidino)pentyl]-1,2,3,4-tetrahydro-3-quinolinybenzenecarboximidamide;

3-[1-(5-2-[(Dimethylamino)methyl]piperidinopentyl)-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl]benzenecarboximidamide;

3-(1-5-[4-(Dimethylamino)piperidino]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinoliny)benzenecarboximidamide;

1-5-[3-3-[amino(imino)methyl]phenyl-2-oxo-1(2H)-quinolinyl]pentyl-4-piperidinesulfonic acid;



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3-2-Oxo-1-[5-(2-phenylpiperidino)pentyl]-1,2,3,4-tetrahydro-3-quinolinybenzenecarboximidamide;

3-1-[5-(2,5-Dimethyl-1-pyrrolidinyl)pentyl]-2-oxo-1,2,3,4-tetrahydro-3-quinolinybenzenecarboximidamide;

3-2-Oxo-1-[5-(1-pyrrolidinyl)pentyl]-1,2,3,4-tetrahydro-3-quinolinybenzenecarboximidamide;

1-5-[3-3-[Amino(imino)methyl]phenyl-2-oxo-1(2H)-quinoliny]pentyl-2-pyrrolidinecarboxylic acid;

N-(1-5-[3-3-[Amino(imino)methyl]phenyl-2-oxo-1(2H)-quinoliny]pentyltetrahydro-1H-pyrrol-3-yl)-N-methylacetamide;

3-1-[5-(3-Amino-1-pyrrolidinyl)pentyl]-2-oxo-1,2,3,4-tetrahydro-3-quinolinybenzenecarboximidamide;

3-(1-5-[2,5-bis(Methoxymethyl)-1-pyrrolidinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinoliny)benzenecarboximidamide;

3-(1-5-[2-(Hydroxymethyl)-1-pyrrolidinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinoliny)benzenecarboximidamide;

3-(1-5-[2-(Hydroxymethyl)-5-methyl-1-pyrrolidinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinoliny)benzenecarboximidamide;

3-1-[5-(Diisopropylamino)pentyl]-2-oxo-1,2,3,4-tetrahydro-3-quinolinybenzenecarboximidamide;

3-1-[5-(Diethylamino)pentyl]-2-oxo-1,2,3,4-tetrahydro-3-quinolinybenzenecarboximidamide;

3-1-[5-(Methylamino)pentyl]-2-oxo-1,2,3,4-tetrahydro-3-quinolinybenzenecarboximidamide;

3-1-[5-(1-Methyl-1H-imidazol-2-yl)pentyl]-2-oxo-1,2,3,4-tetrahydro-3-quinolinybenzenecarboximidamide;

3-1-[5-(2,5-Dimethyl-1H-imidazol-1-yl)pentyl]-2-oxo-1,2,3,4-tetrahydro-3-quinolinybenzenecarboximidamide;

3-[1-(5-Morpholinopentyl)-2-oxo-1,2,3,4-tetrahydro-3-quinoliny]benzenecarboximidamide;

3-1-[5-(3,5-Dimethylmorpholino)pentyl]-2-oxo-1,2,3,4-tetrahydro-3-quinolinybenzenecarboximidamide;

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3-[2-Oxo-1-(5-piperazinopentyl)-1,2,3,4-tetrahydro-3-quinoliny]benzenecarboximidamide;

3-1-[5-(2,6-Dimethylpiperazino)pentyl]-2-oxo-1,2,3,4-tetrahydro-3-quinoliny]benzenecarboximidamide;

3-2-Oxo-1-[5-(1*H*-pyrazol-1-yl)pentyl]-1,2,3,4-tetrahydro-3-quinoliny]benzenecarboximidamide;

3-[2-Oxo-1-(5-tetrahydro-1*H*-pyrazol-1-yl)pentyl]-1,2,3,4-tetrahydro-3-quinoliny]benzenecarboximidamide;

10 3-1-[5-(2,5-Dimethyltetrahydro-1*H*-pyrazol-1-yl)pentyl]-2-oxo-1,2,3,4-tetrahydro-3-quinoliny]benzenecarboximidamide;

3-(7-Chloro-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridiny]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinoliny]benzenecarboximidamide;

15 3-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridiny]pentyl-7-fluoro-2-oxo-1,2,3,4-tetrahydro-3-quinoliny]benzenecarboximidamide;

3-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridiny]pentyl-2-oxo-7-sulfanyl-1,2,3,4-tetrahydro-3-quinoliny]benzenecarboximidamide;

20 3-[1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridiny]pentyl-7-(methylsulfanyl)-2-oxo-1,2,3,4-tetrahydro-3-quinoliny]benzenecarboximidamide;

3-[1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridiny]pentyl-2-oxo-7-(trifluoromethyl)-1,2,3,4-tetrahydro-3-quinoliny]benzenecarboximidamide;

25 3-(1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridiny]pentyl-7-methyl-2-oxo-1,2,3,4-tetrahydro-3-quinoliny]benzenecarboximidamide;

3-3-[Amino(imino)methyl]phenyl-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridiny]pentyl-2-oxo-1,2,3,4-tetrahydro-7-quinolinecarboxylic acid;

30 methyl 3-3-[Amino(imino)methyl]phenyl-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridiny]pentyl-2-oxo-1,2,3,4-tetrahydro-7-quinolinecarboxylate;

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cont  
5 3-[(3-3-[Amino(imino)methyl]phenyl-1-5-[(2R,6S)-2,6-dimethyltetrahydro-1(2H)-pyridinyl]pentyl-2-oxo-1,2-dihydro-7-quinolinyloxy]propanoic acid;

4-[(3-3-[Amino(imino)methyl]phenyl-1-5-[(2R,6S)-2,6-dimethyltetrahydro-1(2H)-pyridinyl]pentyl-2-oxo-1,2-dihydro-7-quinolinyloxy]butanoic acid;

2-[(3-3-[Amino(imino)methyl]phenyl-1-5-[(2R,6S)-2,6-dimethyltetrahydro-1(2H)-pyridinyl]pentyl-2-oxo-1,2-dihydro-7-quinolinyloxy]acetic acid;

10 3-[(3-3-[Amino(imino)methyl]phenyl-1-5-[(2R,6S)-2,6-dimethyltetrahydro-1(2H)-pyridinyl]pentyl-2-oxo-1,2-dihydro-7-quinolinyloxy]propanoic acid;

15 4-[(3-3-[Amino(imino)methyl]phenyl-1-5-[(2R,6S)-2,6-dimethyltetrahydro-1(2H)-pyridinyl]pentyl-2-oxo-1,2-dihydro-7-quinolinyloxy]butanoic acid;

3-[1-5-[(2R,6S)-2,6-Dimethyltetrahydro-1(2H)-pyridinyl]pentyl-7-(2-hydroxyethoxy)-2-oxo-1,2,3,4-tetrahydro-3-quinolinyloxy]benzenecarboximidamide;

20 3-[1-5-[(2R,6S)-2,6-Dimethyltetrahydro-1(2H)-pyridinyl]pentyl-2-oxo-7-(1H-1,2,3,4-tetraazol-5-ylmethoxy)-1,2,3,4-tetrahydro-3-quinolinyloxy]benzenecarboximidamide;

3-(7-Amino-1-5-[(2R,6S)-2,6-dimethyltetrahydro-1(2H)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyloxy]benzenecarboximidamide;

25 3-(7-(Butylamino)-1-5-[(2R,6S)-2,6-dimethyltetrahydro-1(2H)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyloxy]benzenecarboximidamide;

30 3-(7-(Dimethylamino)-1-5-[(2R,6S)-2,6-dimethyltetrahydro-1(2H)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyloxy]benzenecarboximidamide;

3-(7-Anilino-1-5-[(2R,6S)-2,6-dimethyltetrahydro-1(2H)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyloxy]benzenecarboximidamide;

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~~3-(7-(Benzylamino)-1,5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)benzenecarboximidamide;~~

~~N-(3-3-[Amino(imino)methyl]phenyl-1-5-[(2R,6S)-2,6-dimethyltetrahydro-1(2H)-pyridinyl]pentyl-2-oxo-1,2-dihydro-7-quinolinyl)acetamide;~~

N-(3-3-[Amino(imino)methyl]phenyl-1-5-[(2R,6S)-2,6-dimethyltetrahydro-1(2H)-pyridinyl]pentyl-2-oxo-1,2-dihydro-7-quinoliny)cyclohexanecarboxamide;

N-(3-3-[Amino(imino)methyl]phenyl)-1-5-[(2R,6S)-2,6-dimethyltetrahydro-1(2H)-pyridinyl]pentyl-2-oxo-1,2-dihydro-7-quinoliny)-2-cyclohexylacetamide;

N-(3-3-[Amino(imino)methyl]phenyl-1-5-[(2R,6S)-2,6-dimethyltetrahydro-1(2H)-pyridinyl]pentyl-2-oxo-1,2-dihydro-7-quinoliny)benzenecarboxamide;

N-(3-3-[Amino(imino)methyl]phenyl-1-5-[(2R,6S)-2,6-dimethyltetrahydro-1(2H)-pyridinyl]pentyl-2-oxo-1,2-dihydro-7-quinolinyl)-2-phenylacetamide;

3-1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-7-  
[(methylsulfonyl)amino]-2-oxo-1,2,3,4-tetrahydro-3-  
quinolinylbenzenecarboximidamide;

3-(7-[(Cyclohexylsulfonyl)amino]-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)benzenecarboximidamide;

3-(7-[(Cyclohexylmethyl)sulfonyl]amino-1-5-[(2*R*,6*S*)-2,6-dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinoliny)benzenecarboximidamide;

1-[5-(2,6-Dimethyl-piperidin-1-yl)-pentyl]-3-(4-methoxy-phenyl)-  
3,4-dihydro-1H-quinolin-2-one;

3-1-5-[(2*R*,6*S*)-2,6-Dimethyltetrahydro-1(2*H*)-pyridinyl]pentyl-2-oxo-7-[(phenylsulfonyl)amino]-1,2,3,4-tetrahydro-3-quinolinylbenzenecarboximidamide; or

1. **Background:** The study was conducted in a rural area of a developing country. The population was predominantly agricultural and had a low literacy rate. The study aimed to assess the prevalence of various types of malnutrition and its associated risk factors.

2. **Methods:** A cross-sectional survey was conducted using a multi-stage sampling method. The sample size was determined based on the expected prevalence of malnutrition and a 95% confidence interval. Data were collected through interviews and physical examinations.

3. **Results:** The study found a high prevalence of malnutrition, particularly in children under five years of age. The most common types of malnutrition were stunted growth and underweight. The prevalence of malnutrition was significantly higher in children from low-income households and those with low maternal education levels.

4. **Conclusion:** The study highlights the need for targeted interventions to address malnutrition in this population. Improving access to nutritious food, promoting breastfeeding, and providing nutritional education to mothers are key strategies to reduce the burden of malnutrition.

5. **Keywords:** Malnutrition, Stunted growth, Underweight, Rural population, Developing country.

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3-(7-[(Benzylsulfonyl)amino]-1-5-[(2R,6S)-2,6-dimethyltetrahydro-1(2H)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)benzenecarboximidamide.

12. A compound which is:

3-(1-5-[(2R,6S)-2,6-Dimethyltetrahydro-1(2H)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)benzenecarboximidamide;

3-(1-5-[(2R,6S)-2,6-Dimethyltetrahydro-1(2H)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)-N-hydroxybenzenecarboximidamide;

3-[3-(Aminomethyl)phenyl]-1-5-[(2R,6S)-2,6-dimethyltetrahydro-1(2H)-pyridinyl]pentyl-2(1H)-quinolinone; or

3-(1-5-[(2R,6S)-2,6-Dimethyltetrahydro-1(2H)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)-4-hydroxybenzenecarboximidamide.

13. A compound which is:

3-(1-5-[(2R,6S)-2,6-Dimethyltetrahydro-1(2H)-pyridinyl]pentyl-2-oxo-1,2,3,4-tetrahydro-3-quinolinyl)-4-hydroxybenzene carboximidamide; or

3-(1-5-[(2R,6S)-2,6-Dimethyltetrahydro-1(2H)-pyridinyl]pentyl-2-oxo-1,2-dihydro-3-quinolinyl)-4-hydroxybenzenecarboximidamide.

14. A method for the treatment or prophylaxis of thrombotic disorders in a mammal comprising administering to said mammal an effective amount of a compound according to Claim 1.

15. A method according to Claim 14, wherein said disorder is venous thrombosis.

16. A method according to Claim 14, wherein said disorder is arterial thrombosis.

17. A method according to Claim 14, wherein said disorder is pulmonary embolism.

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18. A method according to Claim 14, wherein said disorder is myocardial infarction.
19. A method according to Claim 14, wherein said disorder is cerebral infarction.
- 5 20. A method according to Claim 14, wherein said disorder is restenosis.
21. A method according to Claim 14, wherein said disorder is cancer.
22. A method according to Claim 14, wherein said disorder is angina.
23. A method according to Claim 14, wherein said disorder is diabetes.
24. A method according to Claim 14, wherein said disorder is heart failure.
- 10 25. A method according to Claim 14, wherein said disorder is atrial fibrillation.
26. A pharmaceutical formulation comprising a compound of Claim 1 admixed with a carrier, diluent, or excipient.
- 15 27. A pharmaceutical formulation comprising a compound of Claim 2 together with a carrier, diluent, or excipient.
28. A pharmaceutical formulation comprising a compound of Claim 11 together with a carrier, diluent, or excipient.
29. A method for inhibiting serine proteases comprising administering to a mammal an effective amount of serine protease inhibitor of Claim 1.
- 20 30. A method according to Claim 29, wherein said serine protease is factor Xa.

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